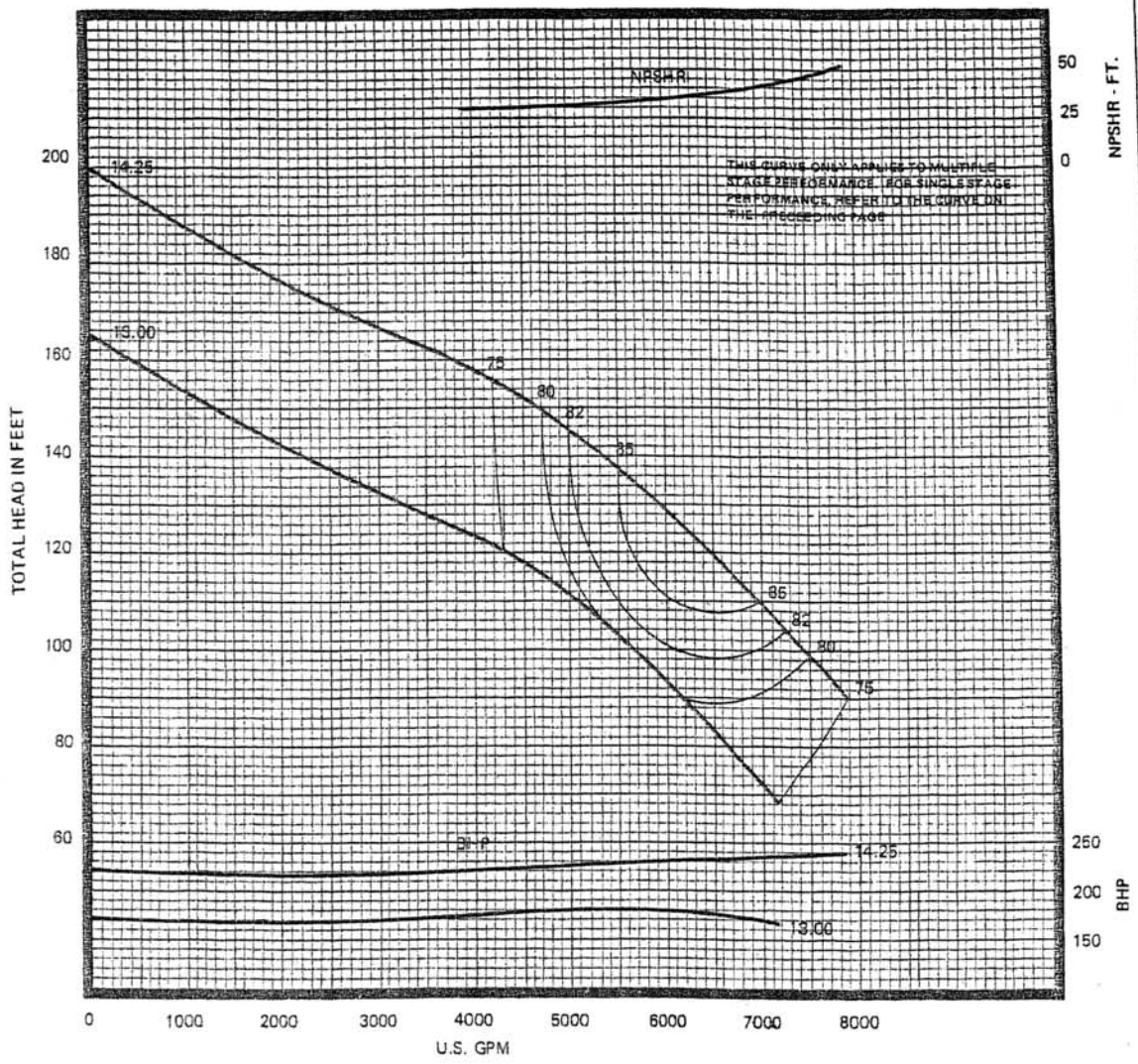
ATTACHMENT K

Recovery Pump - Sample Curves

18XHC
6920
1770 RPM

ENCLOSED IMPELLER
T5KA268

MULTI-STAGE



EFFICIENCY CORRECTIONS(1)

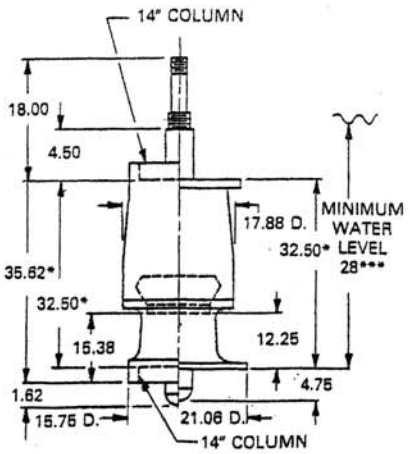
NUMBER OF STAGES	EFFICIENCY CHANGE
1	NA
2	-1.0 POINTS
3	NO CHANGE
4	NO CHANGE
5	NO CHANGE
6	NO CHANGE

BOWL MATERIAL	EFFICIENCY CHANGE
CAST IRON	-2.0 POINTS
EPOXIED C.I.	NO CHANGE

IMPELLER MATERIAL	EFFICIENCY CHANGE
CAST IRON	-1.0 POINTS
BRONZE	NO CHANGE
EPOXIED C.I.	NO CHANGE

(1) Refer to "Application and Reference Data" for head correction.

DIMENSIONS (Inches)



*Add 16.38 for each additional stage.

TECHNICAL DATA

DATA	VALUE
MAXIMUM OPERATING SPEED	1800 RPM
MAXIMUM NUMBER OF STAGES	6**
PUMP SHAFT DIAMETER	2 7/16 IN.
IMPELLER EYE AREA	86.1 SQ. IN.
MAXIMUM SPHERE SIZE	1.25 IN.
K_t (THRUST FACTOR)	33 LBS./FT.
K_s (ROTOR WT. PER STAGE)	50 LBS.
BOWL WT. (FIRST STAGE)	750 LBS.
BOWL WT. (EACH ADD'L. STAGE)	350 LBS.
ALLOWABLE SHAFT STRETCH	.94 IN.**
WK^2 (FIRST STAGE)	15.56 LBS.-FT.^{2}
WK^2 (EACH ADD'L. STAGE)	15.27 LBS.-FT.^{2}
BOWL RING CLEARANCE	.014/.020 IN.

** These are nominal values. Refer to "Application and Reference Data" for information further limiting or extending these values.

*** This value is the minimum submergence required to prevent vortexing only. This value may need to be increased to provide adequate NPSHA.